

FCC TEST REPORT

Report No.: FVC-ESH-P20112382B-15

FCC ID: T2C-A30

Product: Video Conferencing Endpoint

Test Model: MeetingBar A30

Received: Dec.30, 2020

ISSUED: Jan.23, 2021

Applicant: YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.

Address: 309, 3rd Floor, No.16, Yun Ding North Road, Huli District, Xiamen City,

Fujian, P.R. China

Issued By: BUREAU VERITAS ADT (Shanghai) Corporation

Lab Location: No. 829, Xinzhuan Road, Shanghai, P.R.China (201612)

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Report No.: FVC-ESH-P20112382B-15 Page 1 of 26 FCC/IC-ITE V1.1



Contents

| 1. | TEST | PROGRAM | 3 |
|----|--------|---|------|
| 2. | Sumn | nary of Test Procedure and Test Results | 4 |
| 3. | Test C | Configuration of Equipment under Test | 5 |
| | 3.1 | Manufacturer information | 5 |
| | 3.2 | Feature of Equipment under Test | 5 |
| | 3.3 | Description of support units | 5 |
| | 3.4 | Measurement Uncertainty | 6 |
| 4 | Test o | f Conducted Emission | 7 |
| | 4.1 | Test Limit | 7 |
| | 4.2 | Test Procedures | 8 |
| | 4.3 | Typical Test Setup | 8 |
| | 4.4 | Measurement Equipment | 9 |
| | 4.5 | Test Result and Data | .10 |
| | 4.6 | Test Photographs | . 14 |
| 5 | Test o | f Radiated Emission | .14 |
| | 5.1 | Test Limit | . 15 |
| | 5.2 | Test Procedures | .16 |
| | 5.3 | Typical Test Setup | .16 |
| | 5.4 | Measurement Equipment | . 17 |
| | 5.5 | Test Result and Data (30MHz ~ 1GHz) | .18 |
| | 5.6 | Test Result and Data (1GHz ~ 18GHz) | . 22 |
| | 5.7 | Test Photographs (30MHz ~ 1000MHz) | . 24 |
| | 5.8 | Test Photographs (1000MHz ~ 18000MHz) | . 25 |
| 6 | Photo | graphs of EUTgraphs of EUT | . 26 |



1. TEST PROGRAM

PRODUCT: Video Conferencing Endpoint

TEST MODEL: MeetingBar A30

APPLICANT: YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.

TESTED: Jan.02 to Jan.22, 2021

STANDARDS: 47 CFR FCC Part15, Subpart B, Class B

ANSI C63.4:2014

We, BUREAU VERITAS ADT (Shanghai) Corporation, declare that the equipment above has been tested and found compliance with the requirement limits of applicable standards. The test record, data evaluation and Equipment Under Test (EUT) configurations represented herein are true and accurate under the standards herein specified.

| PREPARED BY | : | Yuan Lleenig | , | DATE: | Jan.23, 2021 | |
|-------------|---|------------------|---|-------|--------------|--|
| | | Yuan ZHANG | | | | |
| | | Project Engineer | | | | |

APPROVED BY: Jan.23, 2021

EMC Lab Manager

Report No.: FVC-ESH-P20112382B-15 Page 3 of 26 FCC/IC-ITE V1.1



2. Summary of Test Procedure and Test Results

| EMISSION (47 CFR FCC Part15, Subpart B) | | | | | | | | | | |
|---|-------------------------------------|--------------------------------|--|--|--|--|--|--|--|--|
| Test Item | Normative References | Test Result | | | | | | | | |
| Conducted Emission | 47 CFR FCC Part15, Subpart B 15.107 | Meets the Class B requirements | | | | | | | | |
| Radiated Emission | 47 CFR FCC Part15, Subpart B 15.109 | Meets the Class B requirements | | | | | | | | |



3. Test Configuration of Equipment under Test

3.1 Manufacturer information

Manufacturer: YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.

309, 3rd Floor, No.16, Yun Ding North Road, Huli District, Xiamen City,

Address : Fujian, P.R. China

3.2 Feature of Equipment under Test

| Product Name: | Video Conferencing Endpoint | | | | | |
|--------------------|--|--|--|--|--|--|
| Brand: | Yealink | | | | | |
| Test Model: | MeetingBar A30 | | | | | |
| Model Discrepancy: | | | | | | |
| EUT Power Rating: | I/P: 48V ===, 0.7A for Video Conferencing Endpoint; I/P: 100-240Vac, 50/60Hz, 1.0A; O/P: 48V ===, 0.7A for AC Adapter. | | | | | |

Note:

3.3 Description of support units

| NO. | PRODUCT | BRAND/ Manufacturer | MODEL NO. |
|-----|---------------|---------------------|-----------|
| 1 | PC | ThinkPad | L470 |
| 2 | Network Cable | | |
| 3 | LCD Monitor | Lenovo | T2054pC |

Report No.: FVC-ESH-P20112382B-15 Page 5 of 26 FCC/IC-ITE V1.1

^{1.} Please refer to user manual.



3.4 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT:

This listed uncertainties are the worst case uncertainty for the entire range of measurement. Please note that the uncertainty values are provided for informational purposes only and are not used in determining the PASS/FAIL results.

| Measurement | Value | |
|---------------------|---------------|---------|
| Conducted emissions | 2.55 dB | |
| | 30 MHz ~ 1GHz | 3.22 dB |
| Radiated emissions | Above 1GHz | 2.89 dB |

Report No.: FVC-ESH-P20112382B-15 Page 6 of 26 FCC/IC-ITE V1.1



4 Test of Conducted Emission

4.1 Test Limit

TEST STANDARD:

CFR 47 FCC Part 15, Subpart B (Section: 15.107)

| | Class A | (dBµV) | Class B (dBµV) | | | |
|-----------------|------------|---------|----------------|---------|--|--|
| FREQUENCY (MHz) | Quasi-peak | Average | Quasi-peak | Average | | |
| 0.15 - 0.5 | 79 | 66 | 66 - 56 | 56 - 46 | | |
| 0.50 - 5.0 | 73 | 60 | 56 | 46 | | |
| 5.0 - 30.0 | 73 | 60 | 60 | 50 | | |

NOTES: 1. The lower limit shall apply at the transition frequencies.

- 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.
- 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

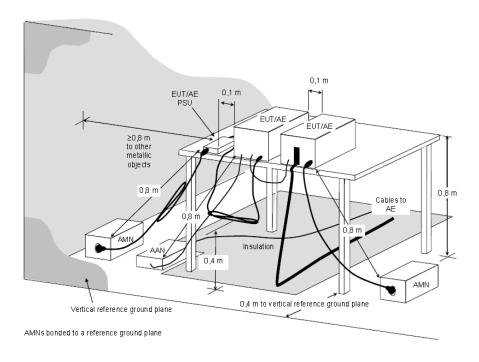
Report No.: FVC-ESH-P20112382B-15 Page 7 of 26 FCC/IC-ITE V1.1



4.2 Test Procedures

- 1. The EUT was placed on a desk 0.8 meter height from the metal ground plane and 0.4 meter from the conducting wall of the shielding room and it was kept at least 0.8 meters from any other grounded conducting surface.
- 2. Connect EUT to the power mains through a Artificial Mains Network (AMN).
- 3. All the support units are connecting to the other AMN.
- 4. The AMN provides 50 ohm coupling impedance for the measuring instrument.
- 5. The CISPR states that a 50 ohm, 50 micro-Henry AMN should be used.
- 6. Both sides of AC line were checked for maximum conducted interference.
- 7. The frequency range from 150 kHz to 30 MHz was searched
- 8. Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

4.3 Typical Test Setup



NOTE. The 0.8 m distance specified between EUT/AE/PSU and AMN/AAN, is applicable only to the EUT being measured. If the device is AE then it shall be \geq 0.8 m.

Figure D.2 – Example measurement arrangement for table-top EUT (Conducted emission measurement – alternative 1)

Report No.: FVC-ESH-P20112382B-15 Page 8 of 26 FCC/IC-ITE V1.1



4.4 Measurement Equipment

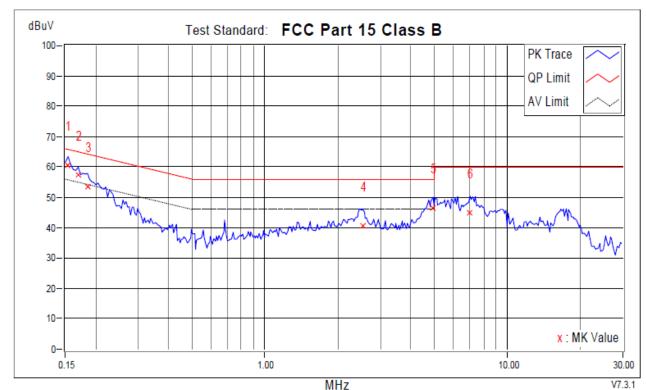
| DESCRIPTION & MANUFACTURER | MODEL NO. | SERIAL NO. | CALIBRATED UNTIL |
|-------------------------------|-----------------|------------|---------------------|
| Test Receiver ROHDE & SCHWARZ | ESCS30 | E1R1001 | Mar.11, 2021 |
| LISN ROHDE & SCHWARZ | ENV216 | E1L1011 | Mar.11, 2021 |
| Software ADT | ADT_Cond_V7.3.0 | N/A | N/A |



4.5 Test Result and Data

Conducted Emission Test Data

120Vac/60Hz Phase : LINE



| | Frequency | Corr. Factor | | ading BuV | | ssion BuV | Limit dBuV | | • | | Notes |
|-----|-----------|-----------------|-------|--------------|-------|--------------|---------------|-------|--------|--------|-------|
| No. | MHz | dB | QP | AV | QP | AV | QP | AV | QP | AV | |
| +1 | 0.15391 | 9.87 | 50.51 | 28.37 | 60.38 | 38.24 | 65.79 | 55.79 | -5.40 | -17.54 | |
| 2 | 0.16955 | 9.88 | 47.63 | 27.99 | 57.51 | 37.87 | 64.98 | 54.98 | -7.47 | -17.11 | |
| 3 | 0.18519 | 9.88 | 43.75 | 24.15 | 53.63 | 34.03 | 64.25 | 54.25 | -10.62 | -20.22 | |
| 4 | 2.53663 | 9.84 | 30.86 | 23.49 | 40.70 | 33.33 | 56.00 | 46.00 | -15.30 | -12.67 | |
| 5 | 4.94910 | 10.07 | 36.34 | 28.08 | 46.41 | 38.15 | 56.00 | 46.00 | -9.59 | -7.85 | |
| 6 | 7.04486 | 10.21 | 34.66 | 24.75 | 44.87 | 34.96 | 60.00 | 50.00 | -15.13 | -15.04 | |

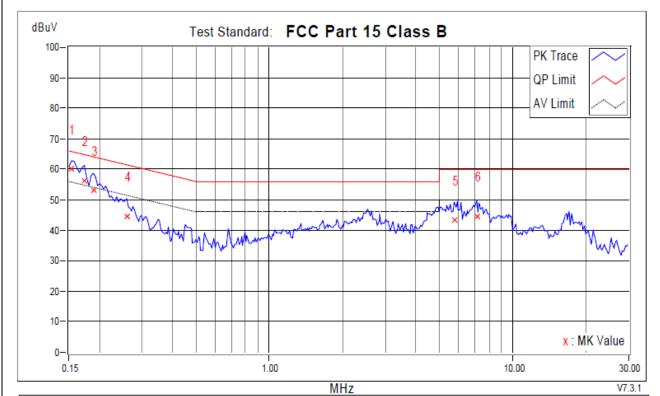
REMARKS:

- 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
- 2. The emission levels of other frequencies were very low against the limit.
- 3. Margin value = Emission level Limit value
- 4. Correction factor = Insertion loss + Cable loss
- 5. Emission Level = Correction Factor + Reading Value.

Report No.: FVC-ESH-P20112382B-15 Page 10 of 26 FCC/IC-ITE V1.1







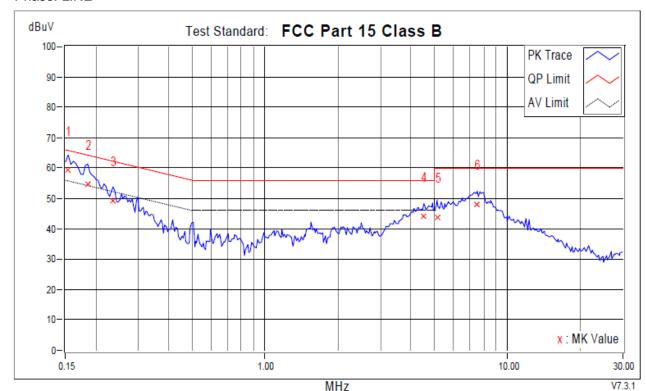
| | Frequency | Corr. Factor | | ading BuV | | ssion BuV | Limit dBuV | | Margins dB | | Notes |
|-----|-----------|-----------------|-------|--------------|-------|--------------|---------------|-------|---------------|--------|-------|
| No. | MHz | dB | QP | AV | QP | AV | QP | AV | QP | AV | |
| +1 | 0.15391 | 9.88 | 50.18 | 29.58 | 60.06 | 39.46 | 65.79 | 55.79 | -5.73 | -16.33 | |
| 2 | 0.17346 | 9.86 | 46.57 | 28.34 | 56.43 | 38.20 | 64.79 | 54.79 | -8.37 | -16.60 | |
| 3 | 0.18910 | 9.84 | 43.31 | 25.32 | 53.15 | 35.16 | 64.08 | 54.08 | -10.93 | -18.92 | |
| 4 | 0.25948 | 9.87 | 34.61 | 16.50 | 44.48 | 26.37 | 61.45 | 51.45 | -16.97 | -25.08 | |
| 5 | 5.75456 | 9.91 | 33.29 | 22.71 | 43.20 | 32.62 | 60.00 | 50.00 | -16.80 | -17.38 | |
| 6 | 7.13088 | 10.21 | 34.30 | 23.86 | 44.51 | 34.07 | 60.00 | 50.00 | -15.49 | -15.93 | |

REMARKS:

- 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
- 2. The emission levels of other frequencies were very low against the limit.
- 3. Margin value = Emission level Limit value
- 4. Correction factor = Insertion loss + Cable loss
- 5. Emission Level = Correction Factor + Reading Value.



240Vac/50Hz Phase: LINE



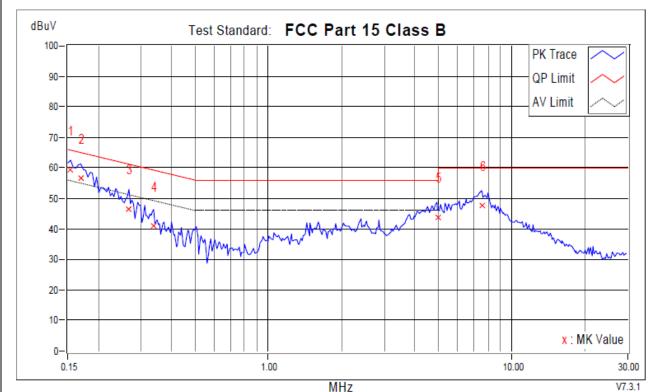
| | Frequency | Corr. Factor | | ading BuV | ı | ssion BuV | Limit dBuV | | Margins dB | | Notes |
|-----|-----------|-----------------|-------|--------------|-------|--------------|---------------|-------|---------------|--------|-------|
| No. | MHz | dB | QP | AV | QP | AV | QP | AV | QP | AV | |
| +1 | 0.15391 | 9.87 | 49.64 | 27.44 | 59.51 | 37.31 | 65.79 | 55.79 | -6.27 | -18.47 | |
| 2 | 0.18519 | 9.88 | 44.78 | 25.13 | 54.66 | 35.01 | 64.25 | 54.25 | -9.59 | -19.24 | |
| 3 | 0.23602 | 9.83 | 39.53 | 21.36 | 49.36 | 31.19 | 62.24 | 52.24 | -12.87 | -21.04 | |
| 4 | 4.53855 | 10.03 | 34.17 | 23.88 | 44.20 | 33.91 | 56.00 | 46.00 | -11.80 | -12.09 | |
| 5 | 5.14851 | 10.08 | 33.58 | 24.38 | 43.66 | 34.46 | 60.00 | 50.00 | -16.34 | -15.54 | |
| 6 | 7.53361 | 10.25 | 37.69 | 28.33 | 47.94 | 38.58 | 60.00 | 50.00 | -12.06 | -11.42 | |

REMARKS:

- 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
- 2. The emission levels of other frequencies were very low against the limit.
- 3. Margin value = Emission level Limit value
- 4. Correction factor = Insertion loss + Cable loss
- 5. Emission Level = Correction Factor + Reading Value.



Phase: NEUTRAL



| | Frequency | Corr. Factor | | iding BuV | Emission dBuV | | Limit dBuV | | Margins dB | | Notes |
|-----|-----------|-----------------|-------|--------------|------------------|-------|---------------|-------|---------------|--------|-------|
| No. | MHz | dB | QP | AV | QP | AV | QP | AV | QP | AV | |
| +1 | 0.15391 | 9.88 | 49.52 | 28.49 | 59.40 | 38.37 | 65.79 | 55.79 | -6.39 | -17.42 | |
| 2 | 0.16955 | 9.86 | 46.70 | 27.63 | 56.56 | 37.49 | 64.98 | 54.98 | -8.42 | -17.49 | |
| 3 | 0.26730 | 9.88 | 36.53 | 20.16 | 46.41 | 30.04 | 61.20 | 51.20 | -14.79 | -21.16 | |
| 4 | 0.33768 | 9.90 | 31.20 | 18.57 | 41.10 | 28.47 | 59.26 | 49.26 | -18.16 | -20.79 | |
| 5 | 5.00000 | 9.73 | 33.86 | 23.72 | 43.59 | 33.45 | 56.00 | 46.00 | -12.41 | -12.55 | |
| 6 | 7.54143 | 10.22 | 37.58 | 28.26 | 47.80 | 38.48 | 60.00 | 50.00 | -12.20 | -11.52 | |

REMARKS:

- 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
- 2. The emission levels of other frequencies were very low against the limit.
- 3. Margin value = Emission level Limit value
- 4. Correction factor = Insertion loss + Cable loss
- 5. Emission Level = Correction Factor + Reading Value.



| 4.6 Test Photographs | |
|---|--|
| | |
| Please refer to the attached file (Test Setup Photo). | |
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Report No.: FVC-ESH-P20112382B-15 Page 14 of 26 FCC/IC-ITE V1.1



5 Test of Radiated Emission

5.1 Test Limit

TEST STANDARD:

CFR 47 FCC Part 15, Subpart B (Section: 15.109)

FOR FREQUENCY BELOW 1000 MHz

| EDECLIENCY (MU-) | Class A | (at 10m) | Class B (at 3m) | | | |
|------------------|---------|----------|-----------------|--------|--|--|
| FREQUENCY (MHz) | μV/m | dBμV/m | μV/m | dBµV/m | | |
| 30 – 88 | 90 | 39.1 | 100 | 40.0 | | |
| 88 – 216 | 150 | 43.5 | 150 | 43.5 | | |
| 216 – 960 | 210 | 46.4 | 200 | 46.0 | | |
| 960 – 1000 | 300 | 49.5 | 500 | 54.0 | | |

LIMIT OF RADIATED EMISSION OF FCC PART 15, SUBPART B FOR FREQUENCY ABOVE 1000 MHz

| EDECLIENCY (MU-) | Class A (dB _l | uV/m) (at 3m) | Class B (dBµV/m) (at 3m) | | | |
|------------------|--------------------------|---------------|--------------------------|---------|--|--|
| FREQUENCY (MHz) | PEAK | AVERAGE | PEAK | AVERAGE | | |
| Above 1000 | 80.0 | 60.0 | 74.0 | 54.0 | | |

Note: 1. The lower limit shall apply at the transition frequencies.

- 2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
- 3. All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

Report No.: FVC-ESH-P20112382B-15 Page 15 of 26 FCC/IC-ITE V1.1



5.2 Test Procedures

- 1. The EUT was placed on a rotatable table top 0.8 meter above ground.
- 2. The EUT was set 3/10 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- 3. The table was rotated 360 degrees to determine the position of the highest radiation.
- 4. The antenna is a half wave dipole and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
- 5. For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
- 6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.
- 7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.

5.3 Typical Test Setup

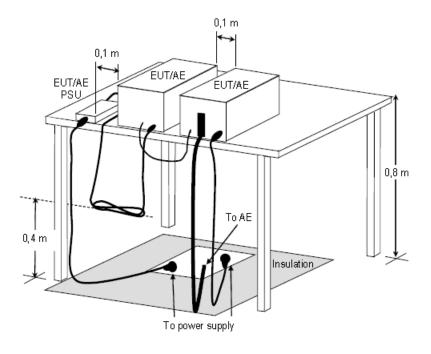


Figure D.8 – Example measurement arrangement for table-top EUT (Radiated emission measurement)

Report No.: FVC-ESH-P20112382B-15 Page 16 of 26 FCC/IC-ITE V1.1



5.4 Measurement Equipment

| DESCRIPTION & MANUFACTURER | MODEL NO. | SERIAL NO. | CALIBRATED UNTIL |
|--|-------------|------------|---------------------|
| EMI Test Spectrum ROHDE & SCHWARZ | ESR7 | E1R1005 | May.11, 2021 |
| Spectrum Analyzer Keysight | N9030B | E1S1003 | Aug.03, 2021 |
| Broad-Band Antenna Schwarzbeck | VULB9168 | E1A1012 | Jul.27, 2021 |
| Double Riaged Vroadband Horn Antenna Schwarzbeck | BBHA9120D | E1A1017 | Jan.25, 2021 |
| Preamplifier Agilent | 8447D | E1A2001 | Apr.19, 2021 |
| Preamplifier Agilent | EMC051845SE | E1A2009 | Jul.05, 2021 |

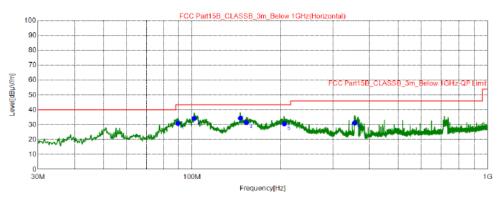
Report No.: FVC-ESH-P20112382B-15 Page 17 of 26 FCC/IC-ITE V1.1



5.5 Test Result and Data (30MHz ~ 1GHz)

120Vac/60Hz

Position: Horizontal



QP Detector

| Final | Data | List | | | | | | | |
|-------|-------|------------|--------|------------------------|------------|-----------|--------|-------|------------|
| 270 | Freq. | QP Reading | Factor | QP Value | QP Limit | QP Margin | Height | Angle | D-1 |
| NO. | [MHz] | [dB µ V/m] | [dB] | [dB μ ∇/m] | [dB µ V/m] | [dB] | [cm] | [°] | Polarity |
| 1 | 89.55 | 46.81 | -15.83 | 30.98 | 43.50 | 12.52 | 200 | 139 | Horizontal |
| 2 | 101.5 | 49 | -14.77 | 34.23 | 43.50 | 9.27 | 200 | 94 | Horizontal |
| 3 | 146.0 | 44.54 | -10.15 | 34.39 | 43.50 | 9.11 | 200 | 103 | Horizontal |
| 4 | 152.8 | 41.4 | -9.96 | 31.44 | 43.50 | 12.06 | 200 | 201 | Horizontal |
| 5 | 205.3 | 42.76 | -12.03 | 30.73 | 43.50 | 12.77 | 200 | 188 | Horizontal |
| 6 | 356.3 | 38.55 | -7.29 | 31.26 | 46.00 | 14.74 | 200 | 161 | Horizontal |

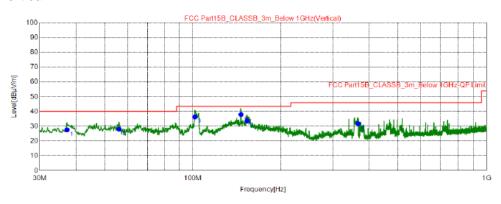
REMARKS:

- 1. Q.P. is abbreviation of quasi-peak individually.
- 2. The emission levels of other frequencies were very low against the limit.
- 3. QP Margin value = QP Limit value QP value.
- 4. Factor = Antenna Factor + Amplifier Factor + Cable loss.
- 5. QP value = Factor + Reading Value.

Report No.: FVC-ESH-P20112382B-15 Page 18 of 26 FCC/IC-ITE V1.1



Position: Vertical



QP Detector

| Final | L Data | List | | | | | | | |
|-------|--------|------------|--------|------------------------|------------|-----------|--------|-------|----------|
| 210 | Freq. | QP Reading | Factor | QP Value | QP Limit | QP Margin | Height | Angle | D-1 |
| NO. | [MHz] | [dB µ V/m] | [dB] | [dB μ ∇/m] | [dB µ V/m] | [dB] | [cm] | [°] | Polarity |
| 1 | 37.17 | 38.43 | -10.78 | 27.65 | 40.00 | 12.35 | 100 | 86 | Vertical |
| 2 | 55.99 | 38.18 | -10.05 | 28.13 | 40.00 | 11.87 | 100 | 173 | Vertical |
| 3 | 101.5 | 51.08 | -14.77 | 36.31 | 43.50 | 7.19 | 100 | 42 | Vertical |
| 4 | 146.0 | 48.17 | -10.15 | 38.02 | 43.50 | 5.48 | 100 | 95 | Vertical |
| 5 | 152.9 | 43.61 | -9.96 | 33.65 | 43.50 | 9.85 | 100 | 186 | Vertical |
| 6 | 366.3 | 38.72 | -7.02 | 31.70 | 46.00 | 14.30 | 100 | 297 | Vertical |

REMARKS:

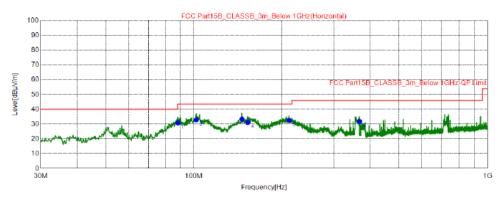
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- 2. The emission levels of other frequencies were very low against the limit.
- 3. QP Margin value = QP Limit value QP value
- 4. Factor = Antenna Factor + Amplifier Factor + Cable loss
- 5. QP value = Factor + Reading Value.

Report No.: FVC-ESH-P20112382B-15 Page 19 of 26 FCC/IC-ITE V1.1



240Vac/50Hz

Position: Horizontal



QP Detecto

| Final | Data | List | | | | | | | |
|-------|-------|-------------------|--------|------------------------|------------|-----------|--------|-------|------------|
| 210 | Freq. | QP Reading | Factor | QP Value | QP Limit | QP Margin | Height | Angle | D-1i+ |
| NO. | [MHz] | [dB μ V/m] | [dB] | [dB μ ∇/m] | [dB µ V/m] | [dB] | [cm] | [°] | Polarity |
| 1 | 88.20 | 46.46 | -15.61 | 30.85 | 43.50 | 12.65 | 200 | 163 | Horizontal |
| 2 | 101.9 | 47.7 | -14.73 | 32.97 | 43.50 | 10.53 | 200 | 96 | Horizontal |
| 3 | 146.0 | 43.53 | -10.15 | 33.38 | 43.50 | 10.12 | 200 | 127 | Horizontal |
| 4 | 152.9 | 41.11 | -9.96 | 31.15 | 43.50 | 12.35 | 200 | 176 | Horizontal |
| 5 | 211.3 | 44.4 | -11.91 | 32.49 | 43.50 | 11.01 | 200 | 204 | Horizontal |
| 6 | 367.3 | 38.77 | -6.99 | 31.78 | 46.00 | 14.22 | 200 | 168 | Horizontal |

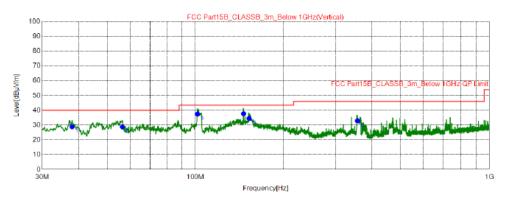
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- 3. QP Margin value = QP Limit value QP value.
- 4. Factor = Antenna Factor + Amplifier Factor + Cable loss.
- 5. QP value = Factor + Reading Value.

Report No.: FVC-ESH-P20112382B-15 Page 20 of 26 FCC/IC-ITE V1.1



Position: Vertical



QP Detector

| Final | Data | List | | | | | | | |
|-------|-------|------------|--------|------------|------------|-----------|--------|-------|----------|
| NO | Freq. | QP Reading | Factor | QP Value | QP Limit | QP Margin | Height | Angle | D-1i+ |
| NO. | [MHz] | [dB µ V/m] | [dB] | [dB µ V/m] | [dB µ V/m] | [dB] | [cm] | [°] | Polarity |
| 1 | 37.95 | 39.54 | -10.69 | 28.85 | 40.00 | 11.15 | 100 | 67 | Vertical |
| 2 | 56.38 | 38.85 | -10.07 | 28.78 | 40.00 | 11.22 | 100 | 152 | Vertical |
| 3 | 101.5 | 52.23 | -14.77 | 37.46 | 43.50 | 6.04 | 100 | 98 | Vertical |
| 4 | 146.0 | 47.9 | -10.15 | 37.75 | 43.50 | 5.75 | 100 | 75 | Vertical |
| 5 | 152.4 | 44.47 | -9.97 | 34.50 | 43.50 | 9.00 | 100 | 165 | Vertical |
| 6 | 357.0 | 40.22 | -7.27 | 32.95 | 46.00 | 13.05 | 100 | 187 | Vertical |

REMARKS:

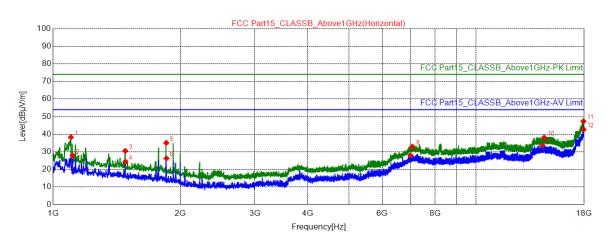
- 1. Q.P. is abbreviation of quasi-peak individually.
- 2. The emission levels of other frequencies were very low against the limit.
- 3. QP Margin value = QP Limit value QP value
- 4. Factor = Antenna Factor + Amplifier Factor + Cable loss
- 5. QP value = Factor + Reading Value.

Report No.: FVC-ESH-P20112382B-15 Page 21 of 26 FCC/IC-ITE V1.1



5.6 Test Result and Data (1GHz ~ 18GHz)

Position: Horizontal



★ AV Detector

| NO . | Freq. | Readin g [dBµV/ m] | Level [dBµV/ m] | Limit [dBµV/ m] | Margi n [dB] | Heigh t [cm] | Angl e[°] | Polarity | Detecto r |
|------|-----------|-----------------------------|-----------------------|-----------------------|--------------------|--------------------|--------------|----------|--------------|
| 1 | 1102.0000 | 58.46 | 38.28 | 74.00 | 35.72 | 100 | 147 | Horizont | PK |
| 2 | 1112.2000 | 48.06 | 27.92 | 54.00 | 26.08 | 100 | 136 | Horizont | AV |
| 3 | 1481.1000 | 49.45 | 30.53 | 74.00 | 43.47 | 100 | 199 | Horizont | PK |
| 4 | 1482.8000 | 43.34 | 24.43 | 54.00 | 29.57 | 100 | 199 | Horizont | AV |
| 5 | 1851.7000 | 52.81 | 35.10 | 74.00 | 38.90 | 100 | 209 | Horizont | PK |
| 6 | 1853.4000 | 44.00 | 26.30 | 54.00 | 27.70 | 100 | 209 | Horizont | AV |
| 7 | 6995.9000 | 28.11 | 28.02 | 54.00 | 25.98 | 100 | 271 | Horizont | AV |
| 8 | 7067.3000 | 33.24 | 33.01 | 74.00 | 40.99 | 100 | 261 | Horizont | PK |
| 9 | 14348.400 | 30.41 | 33.52 | 54.00 | 20.48 | 100 | 63 | Horizont | AV |
| 10 | 14484.400 | 34.94 | 38.12 | 74.00 | 35.88 | 100 | 240 | Horizont | PK |
| 11 | 17933.700 | 33.24 | 47.36 | 74.00 | 26.64 | 100 | 12 | Horizont | PK |
| 12 | 17945.600 | 28.45 | 42.69 | 54.00 | 11.31 | 100 | 188 | Horizont | AV |

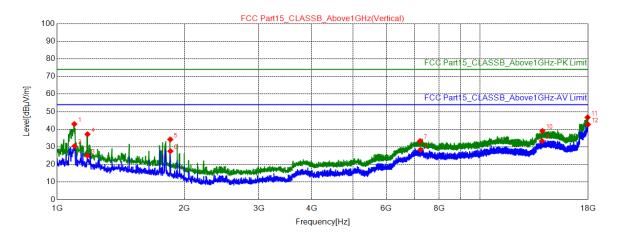
REMARKS:

- 1. The emission levels of other frequencies were very low against the limit.
- 2. Margin = Limit –Level

Report No.: FVC-ESH-P20112382B-15 Page 22 of 26 FCC/IC-ITE V1.1



Position: Vertical



★ AV Detector

| NO . | Freq. | Readin g [dBµV/ m] | Level [dBµV/ m] | Limit [dBµV/ m] | Margi n [dB] | Heigh t [cm] | Angl e[°] | Polarity | Detecto r |
|------|-----------|-----------------------------|-----------------------|-----------------------|--------------------|--------------------|--------------|----------|--------------|
| 1 | 1098.6000 | 63.15 | 42.96 | 74.00 | 31.04 | 100 | 203 | Vertical | PK |
| 2 | 1100.3000 | 50.64 | 30.46 | 54.00 | 23.54 | 100 | 203 | Vertical | AV |
| 3 | 1180.2000 | 44.93 | 25.02 | 54.00 | 28.98 | 100 | 193 | Vertical | AV |
| 4 | 1180.2000 | 57.07 | 37.16 | 74.00 | 36.84 | 100 | 193 | Vertical | PK |
| 5 | 1851.7000 | 51.93 | 34.22 | 74.00 | 39.78 | 100 | 224 | Vertical | PK |
| 6 | 1853.4000 | 45.25 | 27.55 | 54.00 | 26.45 | 100 | 213 | Vertical | AV |
| 7 | 7211.8000 | 33.89 | 33.30 | 74.00 | 40.70 | 100 | 307 | Vertical | PK |
| 8 | 7230.5000 | 29.02 | 28.38 | 54.00 | 25.62 | 100 | 255 | Vertical | AV |
| 9 | 14006.700 | 30.41 | 33.30 | 54.00 | 20.70 | 100 | 47 | Vertical | AV |
| 10 | 14037.300 | 36.11 | 39.02 | 74.00 | 34.98 | 100 | 245 | Vertical | PK |
| 11 | 17947.300 | 32.47 | 46.73 | 74.00 | 27.27 | 100 | 26 | Vertical | PK |
| 12 | 17984.700 | 28.10 | 42.75 | 54.00 | 11.25 | 100 | 266 | Vertical | AV |

REMARKS:

- 1. The emission levels of other frequencies were very low against the limit.
- 2. Margin = Limit -Level

Report No.: FVC-ESH-P20112382B-15 Page 23 of 26 FCC/IC-ITE V1.1



| 5.7 | Test Photographs (30MHz ~ 1000MHz) |
|-----|---|
| | Please refer to the attached file (Test Setup Photo). |
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Report No.: FVC-ESH-P20112382B-15 Page 24 of 26 FCC/IC-ITE V1.1



| 5.8 | Test Photographs (1000MHz ~ 18000MHz) |
|-----|---|
| | Please refer to the attached file (Test Setup Photo). |
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Report No.: FVC-ESH-P20112382B-15 Page 25 of 26 FCC/IC-ITE V1.1



6 Photographs of EUT



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Report No.: FVC-ESH-P20112382B-15 Page 26 of 26 FCC/IC-ITE V1.1